


LAND CORNER RECORDATION CERTIFICATE
Filing Requirement of Act 74, Mich. P.A. 1970

For corners in

Macomb (County)	Located In: Bruce Township	Corner Code #
1. Public Land Survey	T <u>5N</u> R <u>12E</u> <u>I-2</u>	
	T _____ R _____	
	T _____ R _____	
	T _____ R _____	
2. Property Controlling in Section	S _____ T _____ R _____	
	S _____ T _____ R _____	
3. Miscellaneous Property in Sec.	S _____ T _____ R _____	
	S _____ T _____ R _____	
4. Lot No. _____, Recorded Plat _____		
5. Private Claims _____		

4160246
LIBER 15653 PAGE 11



07/14/2004 08:48:22 A.M.
MACOMB COUNTY, MI
CARNELLA SABAUGH, REGISTER OF DEEDS

SEAL

Register of Deeds Stamp & File Number

I, Huston K. Kennedy, in a field survey on January 9, 2004 do hereby state that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, recovered, found as expressed below:

NOTE: Not more than 2 corners, all in the same town and range, may be recorded on this certificate.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2		6		5		4		3	●	2		1	
3													
4		7		8		9		10		11		12	
5													
6		18		17		16		15		14		13	
7													
8		19		20		21		22		23		24	
9													
10		30		29		28		27		26		25	
11													
12		31		32		33		34		35		36	
13													

A. Description of original monument and accessories and/or subsequent restoration:
1817-Wampler, D.S.; Set post 20" White Oak West 20 Links; 16" White Oak N75°E 27 Links
1) 1977-Kobs, PS #14097; LCRC L. 2882, Pg 485 – Fnd "T" Iron
2) 1993-King, PS #30085; Survey L. 5831, Pg. 265 – Fnd "T" Iron, used same wit as 1977 LCRC
3) 1993-King, PS #30085; Property Description, L. 5831, Pg. 276
4) 1993-King, PS #30085; Survey L. 5969, Pgs. 114-115 – Fnd "T" Iron, used same wit as 1977 LCRC
5) 1993-King, PS #30085; Survey L. 5969, Pg. 116 – Fnd "T" Iron, used same wit as 1977 LCRC

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:
2004-Kennedy Surveying, Inc. – Kennedy, PS #17623 – Found a "T" Iron in fence/tree and rock row extending to the North, also a tree row extending to the East with a fence/tree row extending to the West approximately 40' ± North of the corner.

Witnesses from LCRC # 1 was used to recover and verify the location of the found "T" Iron.
I accepted the found "T" Iron as the best evidence of the corner position as being perpetuated.

Field Measurements Between Corners see back side LCRC

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:
I-2 I replaced the found "T" Iron with a 4" diameter concrete monument w/1/2" Iron Rod 36" long w/2" diameter stamped "Macomb County Monument, MI Act #345, PS #17623"
N40°E 31.55' Set Mag Nail & Remon Washer E face 11" Oak
N45°W 32.24' Set Mag Nail & Remon Washer SW face 10" Oak
S70°E 14.25' Set Mag Nail & Remon Washer S face 42" Oak
N88°E 7.98' Set Mag Nail & Remon Washer N face 8" Oak

The selected location is accepted by me and is generally accepted by Professional Surveyors as the best available position of the corner as being perpetuated.



Signed by: [Signature] Date June 30, 2004
Surveyor's Michigan License No.: 17623

FORM APPROVED BY MICHIGAN STATE BOARD OF PROFESSIONAL SURVEYOR'S, JAN. 28, 1971
REVISED MAY 14, 1975
REVISED JAN., 1983
REVISED OCT., 1995

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 6/29/04
[Signature]
MARTIN C. DUNN, P.S. CHAIRMAN

Town 5 North, Range 12 East, Bruce Township (I-2)

Section "B" Cont.

Field Measurements Between Corners

I-2 to I-1

GLO = 48.04 chains or 3170.64 Ft.
N03°01'13" W 3117.90 Ft. (m)

Liber 015653 Page 00012

I-2 to I-3

GLO = 40 chains or 2640.00 Ft.
Surveys recorded in Liber 5831, Pg. 265, Liber 5969, Pgs. 114-115 & Liber 5969, Pg. 116 = 2621.94 Ft.
Survey plan for "WOODLAND WATER'S" Condominium Subdivision Plan No. 812
Liber 013976, Pgs. 886-894 = 2621.94 Ft. (cal)
S03°39'41" E 2622.02 Ft. (m)

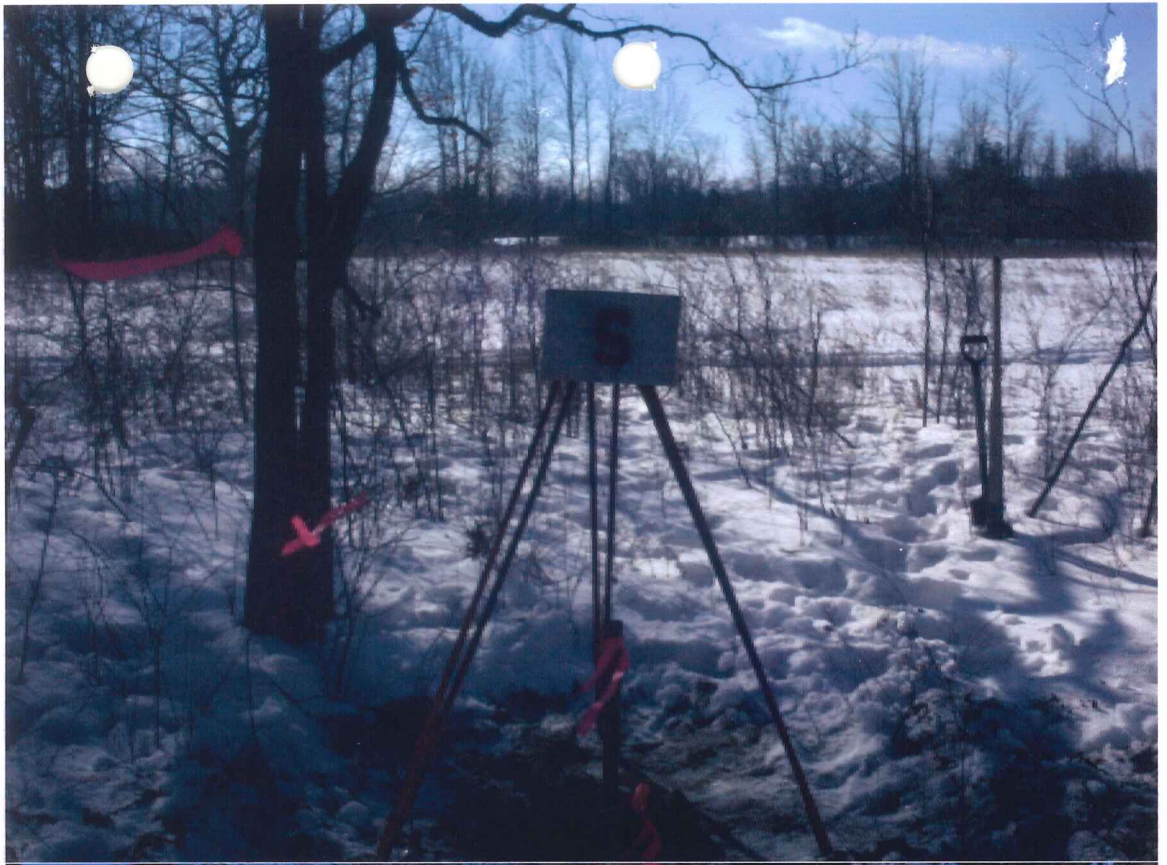
I-2 to H-2 (not a part of this contract)

No GLO
Survey recorded in Liber 5969, Pgs. 114-115 = 2655.20 Ft.

I-2 to J-2

No GLO
Survey recorded in Liber 5831, Pg. 265 = 2688.24 Ft.
Survey plan for "WOODLAND WATER'S" Condominium Subdivision Plan No. 812
Liber 013976, Pgs. 886-894 = 2688.74 Ft.
N87°51'56" E 2688.11 Ft. (m)





2004

**MACOMB COUNTY REMONUMENTATION
PROGRAM FOR BRUCE TOWNSHIP**

Research Dossier for I-2

Prepared by:
Kennedy Surveying, Inc.
105 North Washington Street
Oxford, Michigan 48371
04-5850 (96-4013)

Sources of Information Researched For Macomb County 2004 Remonumentation Program For Bruce Township

- 1) GLO Notes
- 2) Act 74 Recorded LCRC
- 3) Act 132 Recorded Surveys
- 4) Personal History and Records
- 5) Unrecorded LCRC's and Surveys
- 6) Letters to the Following, Requesting Unrecorded information

- a) AES Engineers & Surveyors, Inc.
- b) Anderson, Eckstein & Westrick
- c) BMJ Engineers & Surveyors
- d) Bruen Land Surveying
- e) David Little Land Surveyor
- f) Dunn Construction
- g) Fenn & Associates Surveying, Inc.
- h) George F. Dely Co,
- i) George Jerome & Company
- j) Kem-Tec Surveying
- k) King Surveying & Associates, Inc.
- l) Lansky Land Surveyor
- m) Lehner Associates, Inc.
- n) M.C.S. Associates, Inc.
- o) Metco Land Sea Corp.,
- p) Metco-Dunn, Inc.
- q) Michalich & Associates
- r) Milletics & Associates
- s) R.J. Donnelly & Associates, Inc.
- t) RA. Duthler Land Surveyor LLC
- u) Reichert Surveying
- v) Road Commission for Macomb County
- w) Rowe Incorporate
- x) Spalding, DeDecker & Associates
- y) Urban Land Consultants, L.L.C.
- z) Williams & Gorinac Associates

GLO SURVEY HISTORY

Researching the government survey records for Macomb County shows that the North and West lines of Bruce Township were surveyed and the township was subdivided into sections with closing corners set on the North and West township lines by Joseph Wampler, D.S. in 1817. A post was set at the West ¼ corner of Section 2, and the East ¼ corner of Section 3.

WITNESSES: (Based upon Government Survey Records)

20" White Oak	West	20 Links
16" White Oak	N75°E	27 Links

EXISTING CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has been perpetuated with a "T" Iron in fence/tree and rock row extending to the North, also a tree row extending to the East with a fence/tree row extending to the West approximately 40' ± North of the corner.

LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows Herbet J. Kobs, PS #14097 recorded a LCRC on November 22, 1977 and found "T" Iron.

WITNESSES: (Based upon LCRC recorded in Liber 2882, Page 485 of Macomb County Records)

- *NW 32.22' PK Nail 8" Oak
- *NE 31.73' PK Nail 8" Oak
- *ESE 14.20' PK Nail 36" Oak

Donald H. King, PS #30085 recorded a Certificate of Survey on April 30, 1993 in Liber 5831, Page 265 of Macomb County Records. He found a "T" Iron, used same witnesses as listed on the 1977 LCRC.

Donald H. King, PS #30085 recorded a Property Description on April 30, 1993 in Liber 5831, Page 276 of Macomb County Records.

Donald H. King, PS #30085 recorded a Certificate of Survey on August 11, 1993 in Liber 5969, Pages 114-115 of Macomb County Records. He found a "T" Iron, used same witnesses as listed on the 1977 LCRC.

Donald H. King, PS #30085 recorded a Certificate of Survey on August 11, 1993 in Liber 5969, Page 116 of Macomb County Records. He found "T" Iron, used same witnesses as listed on the 1977 LCRC.

UNRECORDED SURVEYS AND WITNESSES

None

FIELD MEASUREMENTS BETWEEN CORNERS

I-2 to I-1

GLO = 48.04 chains or 3170.64 Ft.
N03°01'13" W 3117.90 Ft. (m)

I-2 to I-3

GLO = 40 chains or 2640.00 Ft.
Surveys recorded in Liber 5831, Pg. 265, Liber 5969, Pgs. 114-115 & Liber 5969, Pg. 116 = 2621.94 Ft.
Survey plan for "WOODLAND WATER'S" Condominium Subdivision Plan No. 812 Liber 013976, Pgs. 886-894 = 2621.94 Ft. (cal)
S03°39'41" E 2622.02 Ft. (m)

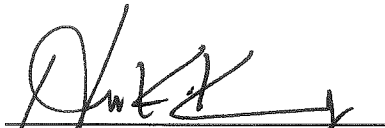
I-2 to H-2 (not a part of this contract)

No GLO
Survey recorded in Liber 5969, Pgs. 114-115 = 2655.20 Ft.

I-2 to J-2

No GLO
Survey recorded in Liber 5831, Pg, 265 = 2688.24 Ft.
Survey plan for "WOODLAND WATER'S" Condominium Subdivision Plan No. 812 Liber 013976, Pgs. 886-894 = 2688.74 Ft.
N87°51'56" E 2688.11 Ft. (m)

The witnesses for the above mentioned Land Corner Recordation Certificate were used to verify the location of the found "T" Iron as of March 17, 2004. I therefore, recommend to the Macomb County Peer Group that they accept the "T" Iron as found as the best evidence of the original corner position as being perpetuated.



Huston K. Kennedy, P.S.
Kennedy, Surveying, Inc.

HKK/hlk

*Used to verify the location of the found corner (I-2)

(revised 06/04/04, 06/29/04)

Town 5 North Range 12 East.

50.00 Ent^d Cedar Tower pine 20 ft.
 78.00 Left Do
 80.00 Set first cor S 2, 3, 10, 11 from which
 on Cor 12 N 35 11 ft
 Qu. 1 S 30 or 37
 Fuller's burnt tim land last 1/2 mile
 Very strongly the whole very brushy

East On R.L. betⁿ S 2 & 11

40.00 Set tim^{er} 12 mi. post
 111.58 Brook 6 lbs N.C.
 60.00 Ent^d 20 ft.
 80.16 Ent^d N 1 S line at post
 Level brushy with deeply fallen
 tim land

West Marked Betⁿ S. 2 & 11

40.00 Mined tim 12 mi. p. to an. 2
 (ash 1561 N 40
 77.11 Elev 18 in Dr

North Between S. 2 & 3

44.56 Run 3 lbs S. O.
 19.92 Birch 18 in Dr.
 20.64 Brook 6 lbs O
 40.00 Set 12 mi. post from which
 W.C. 20 met - 20
 Do 16 N 75 O 27

~~80.00 Set post~~

88.04 Ent^d T.L. at post
 Level fallen & burnt tim land
 Nov. 17th 1817

North Between S 33 & 34

40.00 Set 12 mile post

LAND CORNER RECORDATION CERTIFICATE
FILING REQUIREMENT OF ACT 74, MICH. P.A. 1970

A464381

FOR CORNERS OF-:	LOCATED IN-:	CORNER CODE NUMBER
1. PUBLIC LAND SURVEY _____ T. <u>5</u> N. <u>12</u> E. <u>W.</u>		(1-2) AND (1-3)
2. PROPERTY CONTROLLING IN SECTION <u>3</u> T. <u>5</u> N. <u>12</u> E. <u>W.</u>		BRUCE TOWNSHIP
3. MISCELLANEOUS PROPERTY IN SECTION _____ T. _____ N. _____ E. _____ S. _____ R. _____ W. _____		
4. LOT NO. _____, RECORDED PLAT _____		
5. PRIVATE CLAIMS _____		

RECORDED IN MACOMB COUNTY RECORDS AT: 8:30 a.m.

NOV 22 1977

[Signature]
CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

REGISTER OF DEEDS STAMP AND FILING NUMBER

I, HERBERT J. KOBS, do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were, in a field survey on JULY 25, 1977, established, re-established, monumented, re-monumented, recovered or restored as expressed below and in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a court of law. Furthermore, that the corner points mentioned in lines 3, 4 and 5 above were, in a field survey on _____, 19____, found, recovered, restored, established or re-established as expressed below and in conformance with the rules of the Michigan State Board of Registration for Land Surveyors or, by a Decree of a Court of law:

A. Description of original monument and accessories and/or subsequent restoration:

B. Description of corner evidence found and/or method applied in restoring or re-establishing corner:

(1-2) FOUND T-IRON.

(1-3) FOUND 1 1/2" PIPE AT ANCHOR POST.

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:

(1-2) T-IRON.

P.K. NAIL IN 8" OAK - N.W. - 32.22'

P.K. NAIL IN 8" OAK - N.E. - 31.73'

P.K. NAIL IN 36" OAK - E.S.E. - 14.20'

(1-3) 1 1/2" PIPE AT ANCHOR POST.

P.K. NAIL IN 12" CEDAR - WEST - 37.74'

P.K. NAIL IN 12" ASH - N.E. - 38.33'

P.K. NAIL IN 24" ELM - S.S.W. - 22.39'

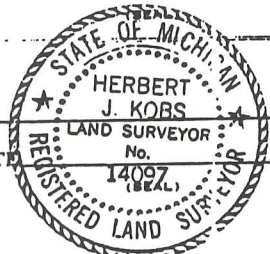
SIGNED BY *[Signature]* DATE NOVEMBER 7, 1977
HERBERT J. KOBS

SURVEYOR'S MICHIGAN REGISTRATION NO. 14097

FOR STATE AND UNITED STATES AGENCIES:

SIGNED BY _____ DATE _____
CHIEF OF SURVEY PARTY

APPROVED AND SIGNED BY _____ DATE _____
MICHIGAN REGISTERED LAND SURVEYOR



SURVEYOR'S MICHIGAN REGISTRATION NO. _____

00679

3!

CERTIFICATE OF SURVEY

FOR MARGUERITE PRATT



M - MEASURED
R - RECORDED
C - CALCULATED

JOB NO. 462-92 DATE 11-16-92
SCALE 1" = 500' SHEET 1 OF 1
DRAWN BY K.D.R. CHECKED BY D.H.K.

157.573-ACRE PARCEL

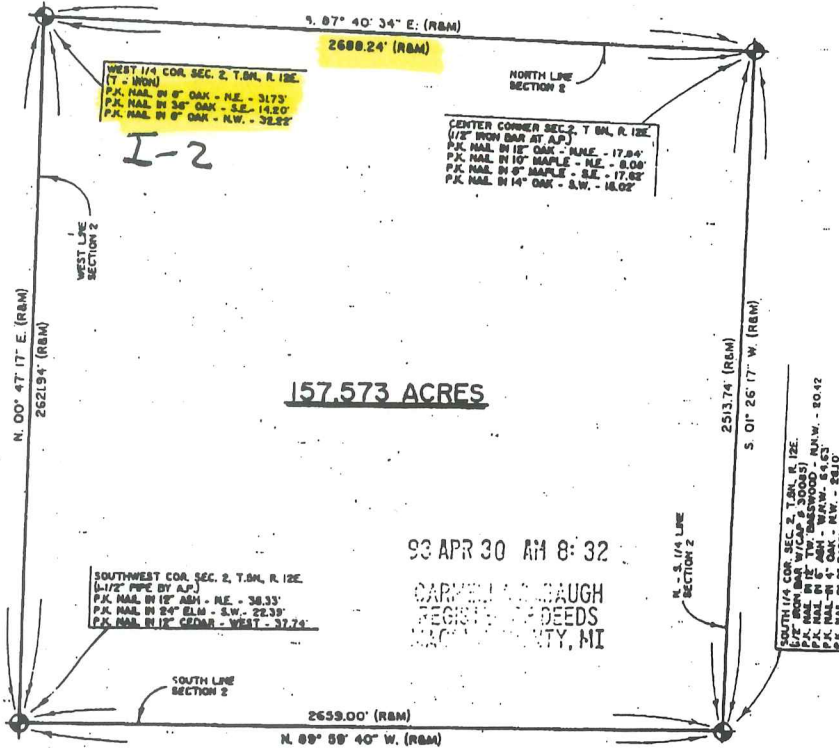
LIBER 05831P0265

B871157

A parcel of land being the Southwest 1/4 of Section 2, Town 5 North, Range 12 East; Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Beginning at the West 1/4 Corner of said Section 2; thence South 87 degrees 40 minutes 34 seconds East 2,688.24 feet to the Center Corner of said Section 2; thence South 01 degrees 26 minutes 17 seconds West 2,513.74 feet to the South 1/4 corner of Section 2; thence North 89 degrees 59 minutes 40 seconds West 2,659.00 feet to the Southwest corner of Section 2; thence North 00 degrees 47 minutes 17 seconds East 2,621.94 feet to the point of beginning, containing 157.573 acres of land.

Reserving easements of record.

NOTE: Bearings relate to survey of record, Job #348-86 by Donald H. King, Licensed Land Surveyor, dated June 16, 1986.



93 APR 30 AM 8:32

DARREN L. BAUGH
REGISTERED DEEDS
MACOMB COUNTY, MI



I hereby certify that I have surveyed the parcel(s) of land described and delineated hereon; that said Survey was performed with an error of closure no greater than 1 in 5,000; and that I have complied with the requirements of Section 3, Act 132, P.A. 1970.

Donald H. King
DONALD H. KING
LICENSED LAND SURVEYOR
MICHIGAN LICENSE No. 30085

KK KOBS-KING & ASSOC. INC.

LAND SURVEYING
SITE PLANNING

111 SOUTH RAWLES

ROME, MICHIGAN 48066-0146

313-752-2700

742

LIBER 05831M276

B871168

FOR: FRANK DOLECKI

JOB NUMBER: 477-92A

DATED: NOVEMBER 30, 1992

SHEET: 1 OF 1

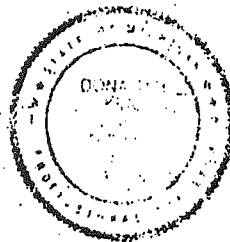
0.010-ACRE PARCEL

A parcel of land located in the Southeast 1/4 of Section 10, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the Southeast Corner of said Section 10; thence North 89 degrees 45 minutes West (recorded) North 89 degrees 54 minutes 53 seconds West (measured) 1,127.11 feet along the South line of Section 10 to the point of beginning; thence extending North 89 degrees 54 minutes 53 seconds West 2.29 feet along the South line of Section 10; thence North 00 degrees 05 minutes 07 seconds East 183.00 feet; thence South 89 degrees 54 minutes 53 seconds East 2.29 feet; thence South 00 degrees 05 minutes 07 seconds West 183.00 feet to the point of beginning, containing 0.010 acres of land.

Subject to the rights of the public in 36 Mile Road. Reserving easements of record.

PREPARED BY:

Donald H. King
DONALD H. KING
LICENSED LAND SURVEYOR
MICHIGAN LICENSE No. 30085



93 APR 30 AM 8:33

ENOUGH
REEDS
TY, MI

KK KOBS-KING & ASSOC. INC.

111 SOUTH RAWLES

ROME, MICHIGAN 48065-0148

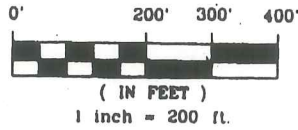
LAND SURVEYING
SITE PLANNING

313-752-2700

7+2

CERTIFICATE OF SURVEY

FOR MARGUERITE PRATT
 JOB NO. 034-93A DATE 8-19-93
 SCALE 1" = 200' SHEET 1 of 2
 DRAWN BY M.S.J.L. CHECKED BY D.M.L.



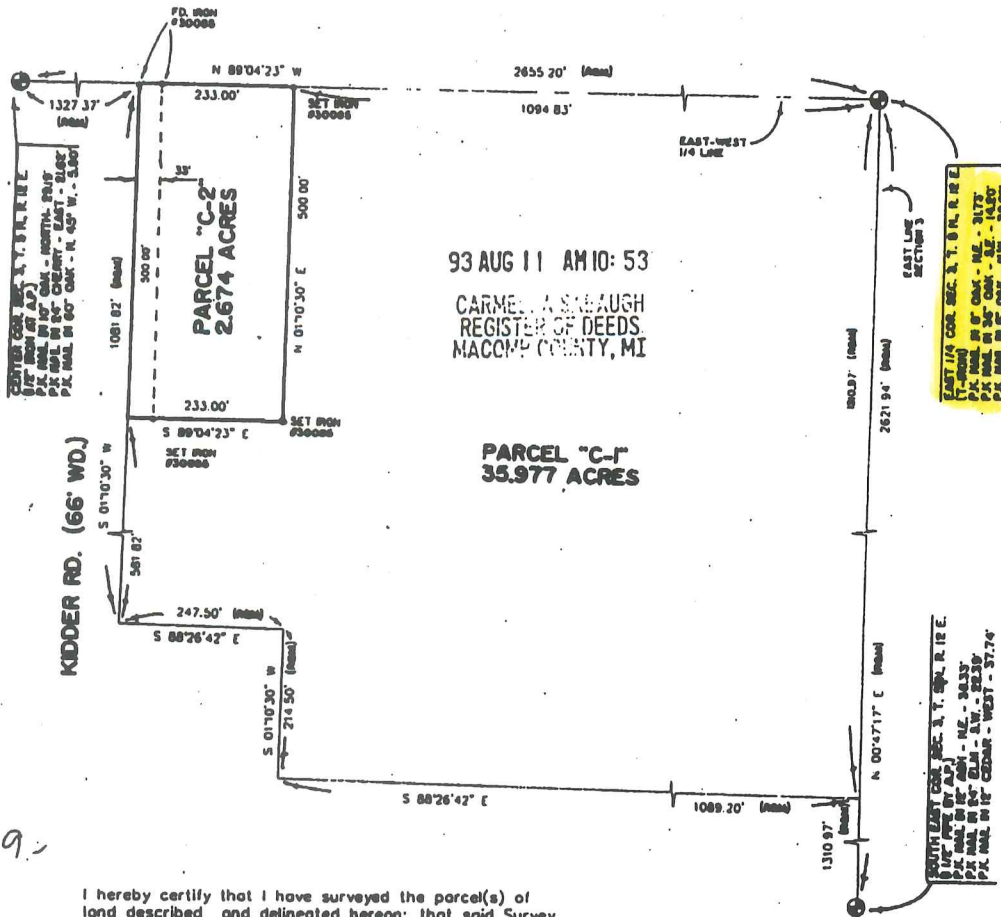
B924-139

LIBER 05969 P. 114

PARCEL "C-2"

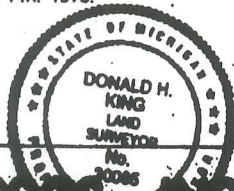
A parcel of land located in and being a part of the Southeast 1/4 of Section 3, Tawn 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the East 1/4 Corner of said Section 3; thence North 89 degrees 04 minutes 23 seconds West 1,094.83 feet along the East-West 1/4 line of Section 3 to the point of beginning; thence extending along the East-West 1/4 line of Section 3 North 89 degrees 04 minutes 23 seconds West 233.00 feet; thence South 01 degrees 10 minutes 30 seconds West 500.00 feet; thence South 89 degrees 04 minutes 23 seconds East 233.00 feet; thence North 01 degrees 10 minutes 30 seconds East 500.00 feet to the point of beginning, containing 2.674 acres of land.

Subject to the rights of the public in Kidder Road Reserving easements of record



I hereby certify that I have surveyed the parcel(s) of land described and delineated hereon; that said Survey was performed with an error of closure no greater than 1' in 5,000'; and that I have fully complied with the requirements of Section 3, Act 132, P.A. 1970.

Donald H. King
 DONALD H. KING
 LICENSED LAND SURVEYOR
 MICHIGAN LICENSE No. 30085



NOTE:
 BEARINGS RELATE TO SURVEY BY H.J. NOBB,
 DATED JULY 25, 1977.

KOBS-KING & ASSOCIATES, INC.

**LAND SURVEYING
 SITE - PLANNING**

IN SQUARES

NOVEMBER, 1988

(313) 788-6780

05969R115

FOR: MARGUERITE PRATT

JOB NUMBER: 034-93


DATED: FEBRUARY 15, 1993

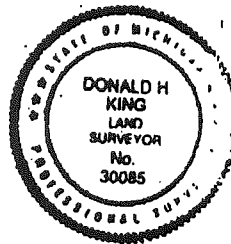
SHEET: 2 OF 2

PARCEL "C-1"

A parcel of land located in and being a part of the Southeast 1/4 of Section 3, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the Southeast Corner of Section 3 North 00 degrees 47 minutes 17 seconds East 1,310.97 feet along the East line of said Section 3; thence extending along the East line of Section 3 North 00 degrees 47 minutes 17 seconds East 1,310.97 feet to the East 1/4 Corner of said Section 3; thence North 89 degrees 04 minutes 23 seconds West 1,094.83 feet along the East-West 1/4 line of Section 3; thence South 01 degrees 10 minutes 30 seconds West 500.00 feet; thence North 89 degrees 04 minutes 23 seconds West 233.00 feet; thence South 01 degrees 10 minutes 30 seconds West 581.82 feet; thence South 88 degrees 26 minutes 42 seconds East 247.50 feet; thence South 01 degrees 10 minutes 30 seconds West 214.50 feet; thence South 88 degrees 26 minutes 42 seconds East 1,089.20 feet to the point of beginning, containing 35.977 acres of land.

Subject to the rights of the public in Kidder Road. Reserving easements of record.


DONALD H. KING
PROFESSIONAL SURVEYOR
MICHIGAN LICENSE No. 30085



KOBS-KING & ASSOC., INC.

**LAND SURVEYING
SITE PLANNING**

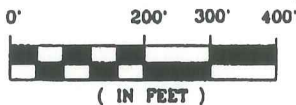
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CERTIFICATE OF SURVEY

FOR MARGUERITE RATT
 JOB NO. 034-93B DATE 2-15-93
 SCALE 1" = 200' SHEET 1 of 2
 DRAWN BY M.G.H. CHECKED BY D.H.K.



B921440

11-5 05969Pc116

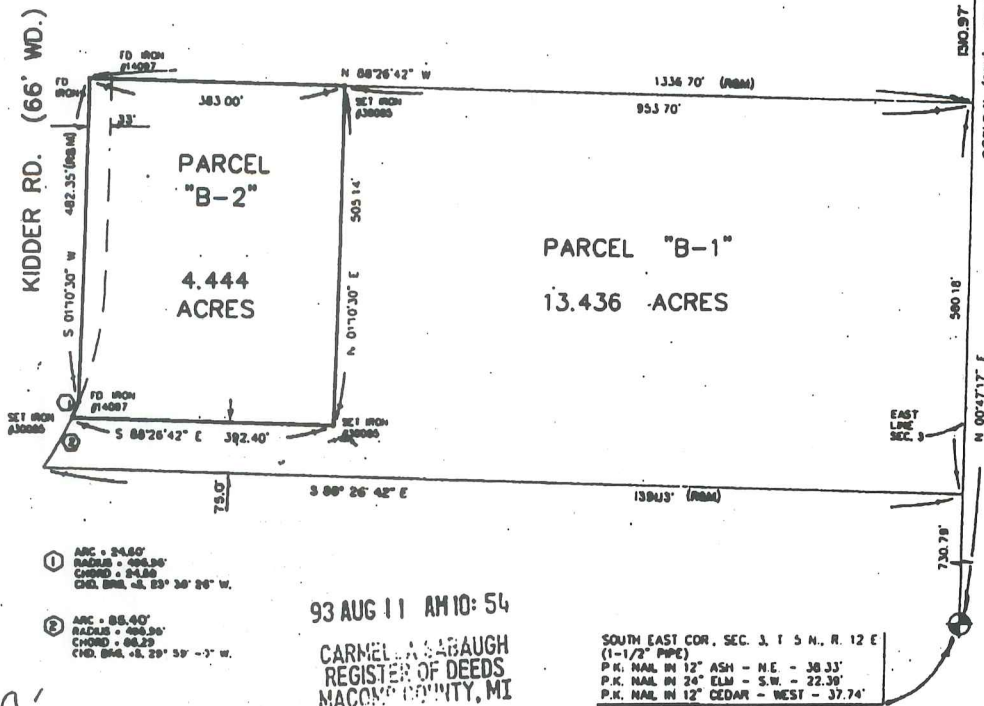
PARCEL "B-2"

A parcel of land located in and being a part of the Southeast 1/4 of Section 3, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the Southeast Corner of said Section 3 North 00 degrees 47 minutes 17 seconds East 130.97 feet along the East line of said Section 3; thence North 88 degrees 26 minutes 42 seconds West 953.70 feet to the point of beginning; thence extending North 88 degrees 26 minutes 42 seconds West 383.00 feet; thence South 01 degrees 10 minutes 30 seconds West 482.35 feet; thence 24.60 feet along the arc of a curve, concave to the Northwest, whose long chord is described as: South 23 degrees 38 minutes 26 seconds West 24.59 feet; thence South 88 degrees 26 minutes 42 seconds East 392.40 feet; thence North 01 degrees 10 minutes 30 seconds East 505.14 feet to the point of beginning, containing 4.444 acres of land

Subject to the rights of the public in Kidder Road. Reserving I-2 easements of record

NOTE BEARINGS RELATE TO SURVEY OF PARENT PARCEL, BY H. J. KOBS, DATED JULY 25, 1977

EAST 1/4 COR. SEC. 3, T. 5 N., R. 12 E.
 (1-IRON)
 P.K. NAIL IN 8" OAK - NE - 31.73'
 P.K. NAIL IN 36" OAK - SE - 14.20'
 P.K. NAIL IN 8" OAK - NW - 32.22'



① ARC = 24.60'
 RADIUS = 482.35'
 CHORD = 24.60'
 CHD. BRG. = S. 23° 38' 26" W.

② ARC = 88.40'
 RADIUS = 482.35'
 CHORD = 88.29'
 CHD. BRG. = S. 29° 59' -3" W.

SOUTH EAST COR. SEC. 3, T. 5 N., R. 12 E.
 (1-1/2" PIPE)
 P.K. NAIL IN 12" ASH - NE - 38.33'
 P.K. NAIL IN 24" ELM - S.W. - 22.39'
 P.K. NAIL IN 12" CEDAR - WEST - 37.74'

I hereby certify that I have surveyed the parcel(s) of land described and delineated hereon; that said Survey was performed with an error of closure no greater than 1' in 5,000; and that I have fully complied with the requirements of Section 3, Act 132, P.A. 1970.

Donald H. King
 DONALD H. KING
 LICENSED LAND SURVEYOR
 MICHIGAN LICENSE No. 30085



KOBS-KING & ASSOC., INC.

**LAND SURVEYING
 SITE PLANNING**

11 TABLES

REVEL. FOREMAN 4885

(313) 782-5700

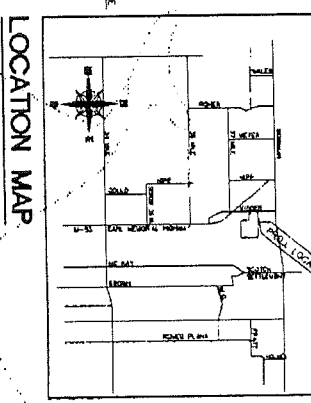
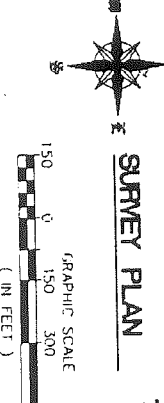
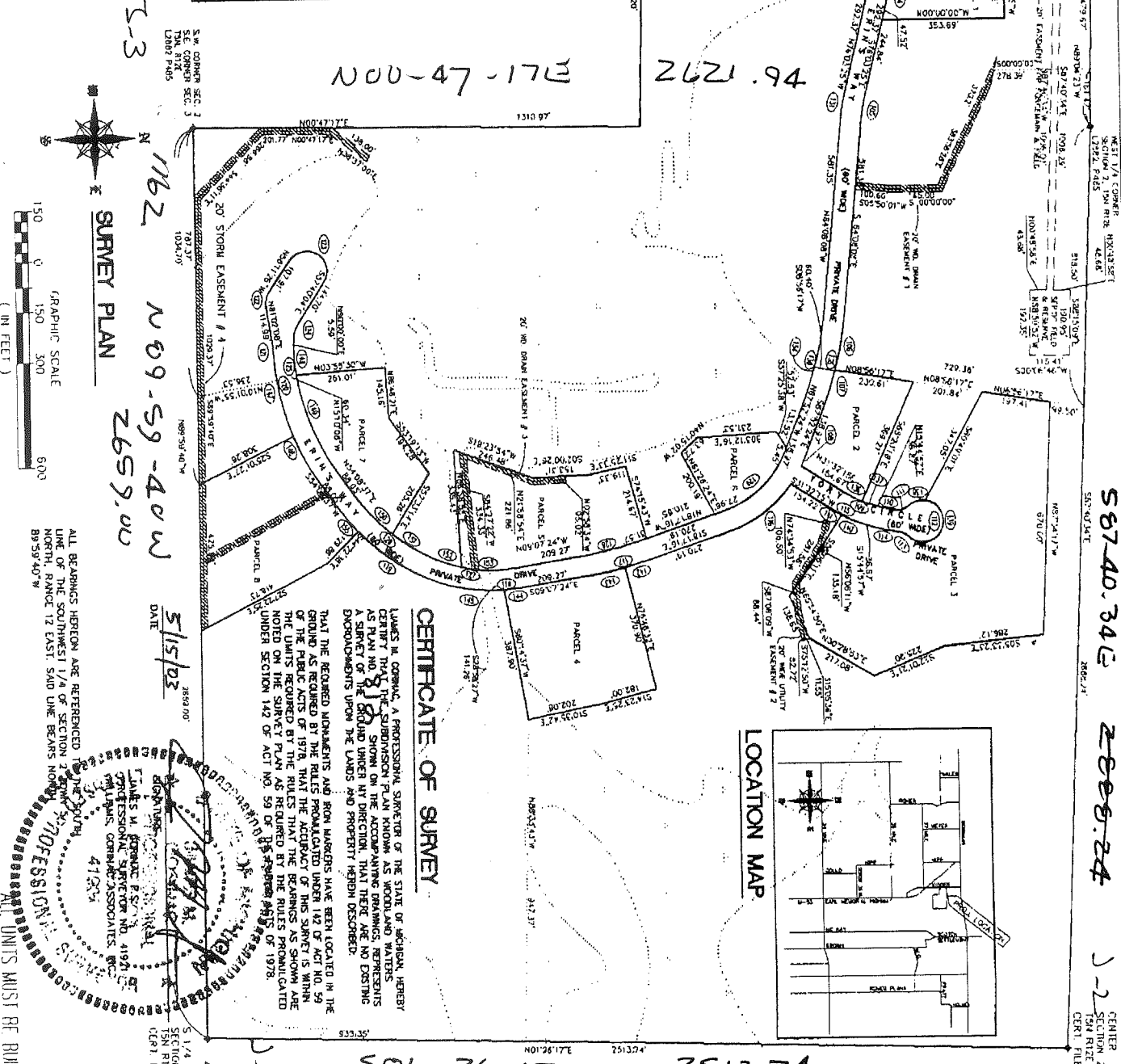
NOTE:
PARCELS 12,13,14,5,6,7 AND 8 ARE NOT A PART OF WOODLAND WATERS.

CURVE DATA

CURVE POINTS	ARC LENGTH	CHORD LENGTH	CHORD BEARINGS	Δ
101	270.0	31.86	N87°48'28"E	0°42'01"
102	330.0	41.50	N88°44'01"E	1°22'28"
103	390.0	51.14	S85°38'00"E	0°52'00"
104	450.0	60.78	S82°11'47"E	1°28'43"
105	510.0	70.42	S80°05'47"E	0°58'45"
106	570.0	80.06	S79°24'20"E	0°47'35"
107	630.0	89.70	S77°22'28"E	0°46'00"
108	690.0	99.34	S74°48'19"E	0°41'17"
109	750.0	108.98	N62°38'58"E	1°57'18"
110	810.0	118.62	N61°14'35"E	1°57'55"
111	870.0	128.26	N59°50'12"E	1°58'32"
112	930.0	137.90	S58°25'49"E	1°59'09"
113	990.0	147.54	S57°01'26"E	1°59'46"
114	1050.0	157.18	S55°37'03"E	1°60'23"
115	1110.0	166.82	S54°12'40"E	1°61'00"
116	1170.0	176.46	S52°48'17"E	1°61'37"
117	1230.0	186.10	S51°23'54"E	1°62'14"
118	1290.0	195.74	S49°59'31"E	1°62'51"
119	1350.0	205.38	S48°35'08"E	1°63'28"
120	1410.0	215.02	S47°10'45"E	1°64'05"
121	1470.0	224.66	S45°46'22"E	1°64'42"
122	1530.0	234.30	N44°21'59"E	1°65'19"
123	1590.0	243.94	N42°57'36"E	1°65'56"
124	1650.0	253.58	N41°33'13"E	1°66'33"
125	1710.0	263.22	N40°08'50"E	1°67'10"
126	1770.0	272.86	N38°44'27"E	1°67'47"
127	1830.0	282.50	N37°19'54"E	1°68'24"
128	1890.0	292.14	N35°55'31"E	1°69'01"
129	1950.0	301.78	N34°30'58"E	1°69'38"
130	2010.0	311.42	N33°06'35"E	1°70'15"
131	2070.0	321.06	N31°41'52"E	1°70'52"
132	2130.0	330.70	N30°17'29"E	1°71'29"
133	2190.0	340.34	N28°52'56"E	1°72'06"
134	2250.0	349.98	N27°28'33"E	1°72'43"
135	2310.0	359.62	N26°03'50"E	1°73'20"

CURVE DATA

CURVE POINTS	ARC LENGTH	CHORD LENGTH	CHORD BEARINGS	Δ
136	2370.0	369.26	N24°39'07"E	1°73'57"
137	2430.0	378.90	N23°14'34"E	1°74'34"
138	2490.0	388.54	N21°49'51"E	1°75'11"
139	2550.0	398.18	N20°25'08"E	1°75'48"
140	2610.0	407.82	N19°00'25"E	1°76'25"
141	2670.0	417.46	N17°35'42"E	1°77'02"
142	2730.0	427.10	N16°10'59"E	1°77'39"
143	2790.0	436.74	N14°46'16"E	1°78'16"
144	2850.0	446.38	N13°21'33"E	1°78'53"
145	2910.0	456.02	N11°56'50"E	1°79'30"
146	2970.0	465.66	N10°32'07"E	1°80'07"
147	3030.0	475.30	N9°07'24"E	1°80'44"
148	3090.0	484.94	N7°42'41"E	1°81'21"
149	3150.0	494.58	N6°17'58"E	1°81'58"
150	3210.0	504.22	N4°53'15"E	1°82'35"
151	3270.0	513.86	N3°28'32"E	1°83'12"
152	3330.0	523.50	N2°03'49"E	1°83'49"
153	3390.0	533.14	N0°39'06"E	1°84'26"
154	3450.0	542.78	N0°14'23"E	1°85'03"
155	3510.0	552.42	N0°49'40"E	1°85'40"



CERTIFICATE OF SURVEY

LAMES M. GORINAC, A PROFESSIONAL SURVEYOR OF THE STATE OF MICHIGAN, HEREBY CERTIFY THAT THE SURVEYOR'S PLAN ACCORDING TO BEARINGS, REPRESENTS AS FAR AS THE SURVEYOR IS AWARE, THE TRUE AND CORRECT POSITION OF THE BOUNDARIES OF THE LANDS AND PROPERTY HEREIN DESCRIBED.

THAT THE REQUIRED MONUMENTS AND IRON MARKERS HAVE BEEN LOCATED IN THE GROUND AS REQUIRED BY THE RULES PROMULGATED UNDER 142 OF ACT NO. 59 OF THE PUBLIC ACTS OF 1978, THAT THE ACCURACY OF THIS SURVEY IS WITHIN THE LIMITS OF THE SURVEYING INSTRUMENTS AND METHODS EMPLOYED AND NOTED ON THE SURVEY PLAN AS REQUIRED BY THE RULES PROMULGATED UNDER SECTION 142 OF ACT NO. 59 OF THE PUBLIC ACTS OF 1978.

DATE: 5/15/03

ALL BEARINGS HEREON ARE REFERENCED TO THE MERIDIAN OF THE STATE OF MICHIGAN, NORTH, RANGE 12 EAST, 5400 LINE BEARINGS NORTH, 89°59'40"W.

ALL UNITS MUST BE PAID

PROPOSED MAY 15, 2003

BORDMAN

NW COR.

I-1

1357.21

703.02

1287.09
-008
4.918
1/10

165

3427.49

2117.49

3530.69

-007
96.0

100

-003
47.788

-006
52.678

I-2

675.17

659.67

J-2

2

CEN. PO

300

Pl. -003
Pl. 191.004 1/2

SW COR.

I-D

NW COR.

I-3

N 1/4 POST

S 1/4 POS



01-02-280-006

01-02-100-004

01-02-100-005

01-02-100-003

01-02-100-007

I-1

J-2

I-2

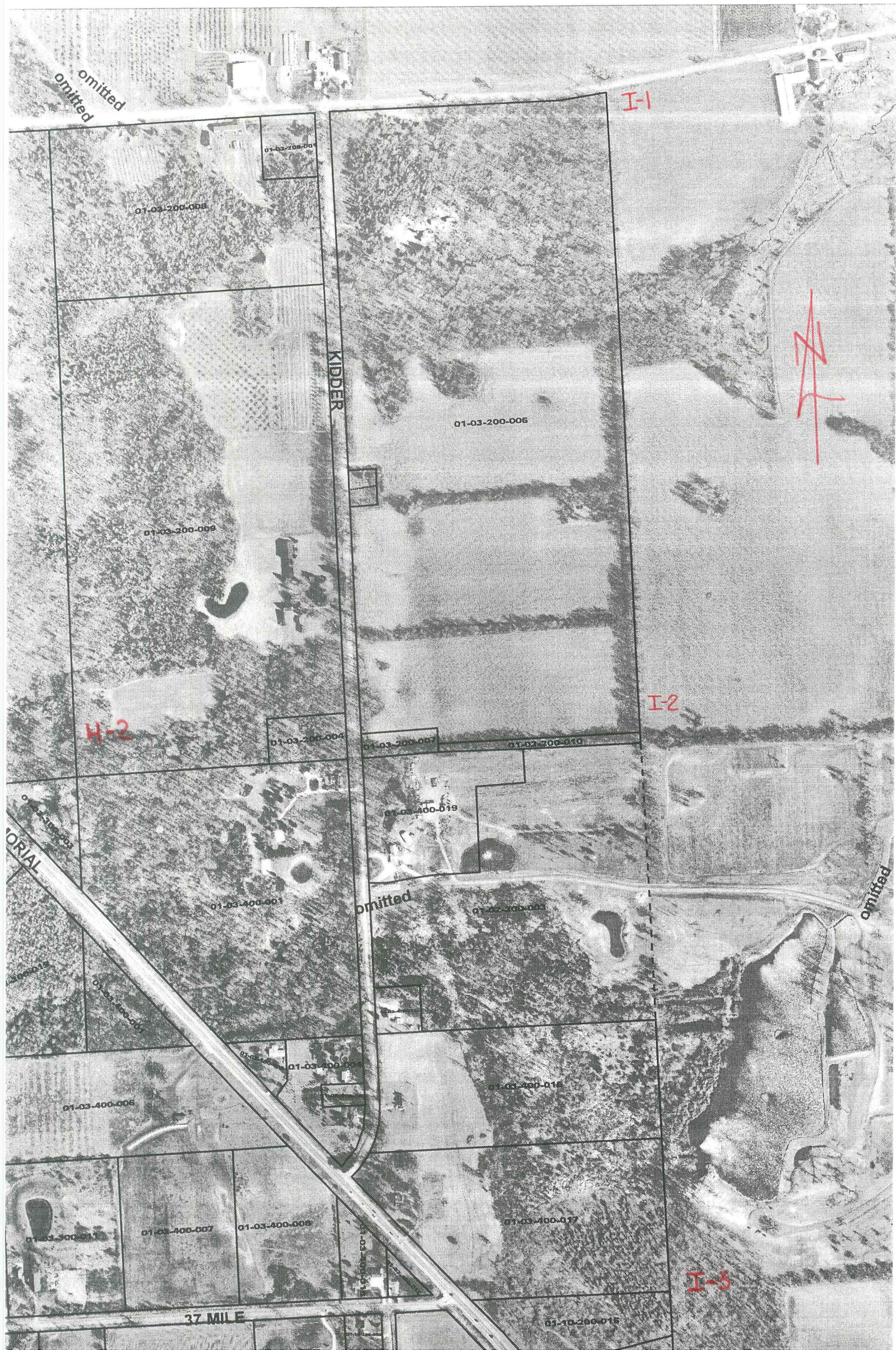
omitted

01-02-300-002

I-3

01-02-388-884





omitted
omitted

I-1

01-03-200-004

01-03-200-005

KIDDER

01-03-200-006



01-03-200-009

H-2

01-03-200-004

01-03-200-007

01-03-200-010

I-2

01-03-400-019

MEMORIAL

01-03-400-001

omitted

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01-03-400-011

01-03-400-007

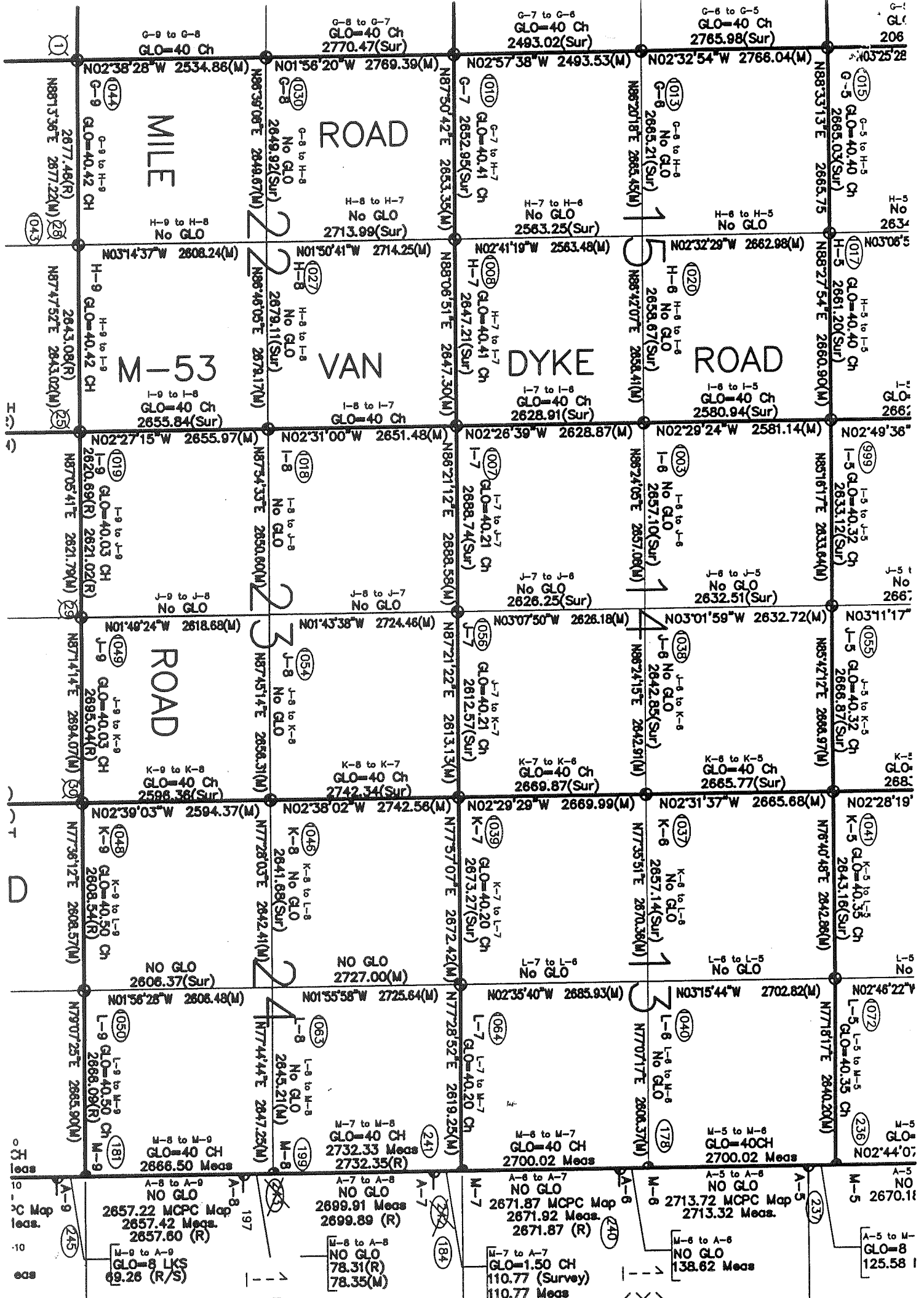
01-03-400-008

01-03-400-017

I-3

37 MILE

01-10-200-015



T.5N.-R.13E.

2/9